



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: D.A. Burke

Attorney Docket No.: WEEI121484

Application No: 10/625,198

Filed: July 22, 2003

Title: NITROGEN RECOVERY SYSTEM AND METHOD

INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101

TO THE COMMISSIONER FOR PATENTS:

Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1.  Copies of the listed patents, publications, and other information are enclosed for the Examiner's use.
2.  Pursuant to 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being filed within three months of the filing date of the patent application or before the mailing date of a first Office Action on the merits.

Respectfully submitted,

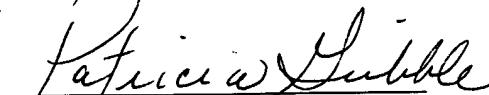
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

Date: October 3, 2003

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INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL  
TO THE PROSECUTION OF THE SUBJECT APPLICATION

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U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
	U1	3,642,618		02/15/1972	Silva
	U2	4,267,050		05/12/1981	Conway et al.
	U3	4,790,944		12/13/1988	Gordon et al.
	U4	4,894,162		01/16/1990	Cournoyer et al.
	U5	4,900,452		02/13/1990	Angles et al.
	U6	4,959,084		09/25/1990	Wolverton et al.
	U7	5,015,384		05/14/1991	Burke
	U8	5,053,140		10/01/1991	Hurst
	U9	5,310,485		05/10/1994	Roshanravan
	U10	5,397,461		03/14/1995	Augustin
	U11	5,670,047		09/23/1997	Burke
	U12	B1 5,670,047		09/07/1999	Burke
	U13	5,702,612		12/30/1997	Wang
	U14	5,858,768		01/12/1999	Bonnin et al.
	U15	5,891,711		04/06/1999	Carter
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	U17	6,113,786		09/05/2000	Burke
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	U20	6,500,340	B1	12/31/2002	Burke
	U21	0052061	A1	03/20/2003	Burke

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## FOREIGN PATENT DOCUMENTS

NONE.

### OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.
	O1 "Ammonia Stripping," <i>Wastewater Technology Fact Sheet</i> , U.S. Environmental Protection Agency, Washington, DC, September 2000, 4 pages.
	O2 "Beginner's Guide to Nitrification/Denitrification Technologies," < <a href="http://www.envstudies.brown.edu/Thesis/2002/caton/WWTFpages/WWTFgeneral.htm">http://www.envstudies.brown.edu/Thesis/2002/caton/WWTFpages/WWTFgeneral.htm</a> > [retrieved 2003], 4 pp.
	O3 "Biological Treatment of Gases (Biofilter)," n.d., < <a href="http://www.res.titech.ac.jp/~junkan/english/deodorize/">http://www.res.titech.ac.jp/~junkan/english/deodorize/</a> > [retrieved July 16, 2003], pp. 1-3.
	O4 Burke, D.A., <i>Dairy Waste Anaerobic Digestion Handbook: Options for Recovering Beneficial Products From Dairy Manure</i> , Environmental Energy Company, Olympia, Wash., June 2001, 54 pages.
	O5 Crawford, H.B., and R.J. Kepler (eds.), <i>Chemical Engineers' Handbook</i> , 5th ed., McGraw-Hill, New York, 1973, Chap. 14, "Gas Absorption," pp. 2-16.
	O6 Crawford, H.B., and R.J. Kepler (eds.), <i>Chemical Engineers' Handbook</i> , 5th ed., McGraw-Hill, New York, 1973, Chap. 19, "Gravity Sedimentation Operations," pp. 44-106
	O7 Heitner, H.I., "Flocculating Agents," <i>Kirk-Othmer Concise Encyclopedia of Chemical Technology</i> , 4th ed., John Wiley & Sons, New York, 1999, pp. 869-871.
	O8 Joshi, J.A., et al., "Gaseous Ammonia Removal in Biofilters: Effect of Biofilter Media on Products of Nitrification," Department of Environmental Sciences, Rutgers, State University of New Jersey, at least as early as June 1998, 11 pages.
	O9 Nicolai, R.E., et al., "Biofilter Demonstration Project: Final Report," Biosystems and Agricultural Engineering Department, University of Minnesota, August 13, 1999, 9 pages.
	O10 Nicolai, R.E., "Biofilter Design Information: BAEU-18," <i>Biosystems and Agricultural Engineering Department, University of Minnesota Extension Program</i> , June 1998, < <a href="http://www.bae.umn.edu/extens/aeu/baeu18.html">http://www.bae.umn.edu/extens/aeu/baeu18.html</a> > [retrieved December 18, 2001], 10 pages.

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	O11 Nicolai, R.E., et al., "Demonstration Biofilter on Dairy and Swine Facilities," <i>Biosystems and Agricultural Engineering Department, University of Minnesota, 2000 Annual Report</i> , February 27, 2001, < <a href="http://www.bae.umn.edu/annrpt/2000/research/livestock13.html">http://www.bae.umn.edu/annrpt/2000/research/livestock13.html</a> > [retrieved December 18, 2001], 10 pages.
	O12 Sadowsky, M., et al., "Final Project Report - Biofilter Microbes," University of Minnesota, August 8, 1999, 15 pages.
	O13 Schmidt, D., et al., "Biofilters for Odor Control," University of Minnesota Extension Service, 2000, 2 pp.
	O14 "Waste Processing and Resource Recovery (WP&RR)," <i>New Jersey - NASA Specialized Center of Research and Training for Bioregenerative Life Support Monthly Report</i> , July 30, 1998, < <a href="http://nj-nsclab.rutgers.edu/visitor/rnews/njnsclab/Njn-0798.html">http://nj-nsclab.rutgers.edu/visitor/rnews/njnsclab/Njn-0798.html</a> > [retrieved December 18, 2001], 3 pages.
	O15 Yarar, B., "Flotation," <i>Kirk-Othmer Concise Encyclopedia of Chemical Technology</i> , 4th ed., John Wiley & Sons, New York, 1999, pp. 871-872.

Examiner

Date Considered

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\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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